

# COMPENDIUM OF PROGRAMS AND MECHANISMS FOR FUNDING INFRASTRUCTURE RESILIENCE

## Summary

**This compendium catalogues federal, state, and non-governmental programs and funding mechanisms with potential to finance and support efforts to enhance infrastructure resilience and security.**

The purpose of this compendium is to support state, local, tribal, and territorial communities, as well as private sector owners and operators of infrastructure assets with their efforts to improve the security and resilience of their communities and infrastructure systems. Note that some funding opportunities are temporary or are not available annually. Due to the evolving nature of funding opportunities, this list is not exhaustive.

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## I. Federal Programs

### Centers for Disease Control

#### ***Public Health Emergency Preparedness Cooperative Agreements***

##### **Website**

<http://www.cdc.gov/phpr/archive.htm>

##### **Type of Financing**

Cooperative Agreement Funding

##### **Critical Infrastructure Sector**

Healthcare and Public Health

##### **Overview**

The Public Health Emergency Preparedness (PHEP) provides funding for public health departments across the nation to upgrade their ability to effectively respond to a range of public health threats, including infectious diseases, natural disasters, and biological, chemical, nuclear, and radiological events.

### U.S. Department of Commerce

#### ***Economic Development Agency (EDA) Economic Development Grants***

##### **Website**

<https://www.eda.gov/funding-opportunities/>

##### **Type of Financing**

Grant

##### **Critical Infrastructure Sector**

N/A

##### **Overview**

Assists eligible recipients in developing economic development plans and studies designed to build capacity and guide the economic prosperity and resiliency of an area or region.

##### **Eligibility**

State governments, Private institutions of higher education, Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, County governments, Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education, Public and State controlled institutions of higher education, Special district governments, Others (see text field entitled "Additional Information on Eligibility" for clarification), Native American tribal organizations (other than Federally recognized tribal governments), City or township governments, Native American tribal governments (Federally recognized)

## ***Economic Development Agency (EDA) Planning Program and Local Technical Assistance Program***

### **Website**

<https://www.eda.gov/funding-opportunities/>

### **Type of Financing**

Cooperative Agreement Grant

### **Critical Infrastructure Sector**

N/A

### **Overview**

To provide investments supporting construction, non-construction, technical assistance, and revolving loan fund projects under EDA's Planning and Local Technical Assistance programs. Under the Planning program EDA assists eligible recipients in creating regional economic development plans designed to build capacity and guide the economic prosperity and resiliency of an area or region.

### **Eligibility**

Special district governments, Native American tribal governments (Federally recognized), Public and State controlled institutions of higher education, City or township governments, Others (see text field entitled "Additional Information on Eligibility" for clarification), Nonprofits having a 501(c)(3) status with the IRS, other than institutions of higher education, Private institutions of higher education, County governments, Nonprofits that do not have a 501(c)(3) status with the IRS, other than institutions of higher education, State governments.

## ***NOAA Regional Coastal Resilience Grants***

### **Website**

<https://www.coast.noaa.gov/resilience-grant/>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

N/A

### **Overview**

To aid coastal communities address increasing risks from extreme weather through competitive grant awards. Awards are made for project proposals that advance resilience strategies, often through land and ocean use planning, disaster preparedness projects, environmental restoration, hazard mitigation planning, or other regional, state, or community planning efforts.

### **Eligibility**

Eligible applicants include nonprofit organizations, institutions of higher education, regional organizations, private entities, and local, state, and tribal governments. Typical award amounts will range from \$250,000 to \$1 million for projects lasting up to three years. Cost-sharing through cash or in-kind contributions is expected. Projects must be located in one or more of the 35 U.S. coastal states or territories

## ***NOAA Coastal and Estuarine Land Conservation Program***

### **Website**

<https://coast.noaa.gov/czm/landconservation/>

### **Type of Financing**

Matching Funds

### **Critical Infrastructure Sector**

N/A

### **Overview**

Provides matching funds to state and local governments to purchase threatened coastal and estuarine lands or obtain conservation easements.

### **Eligibility**

State and local governments. To be considered, the land must be important ecologically or possess other coastal conservation values, such as historic features, scenic views, E5 or recreational opportunities.

## ***NOAA Coastal Ecosystem Resiliency Grants Program***

### **Website**

<http://www.habitat.noaa.gov/funding/coastalresiliencyprojects.html>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

N/A

### **Overview**

Investing in habitat restoration and ecosystem resiliency projects provides sustainable and lasting benefits that reduce risks posed to coastal communities from extreme weather events, changing environmental conditions, and known or potential climate change impacts.

## **Corporation for National and Community Service**

### ***AmeriCorps State and National Grants***

### **Website**

<https://www.nationalservice.gov/build-your-capacity/grants/ASNgrants>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

N/A

## **Overview**

Grant funding for disaster services - improving community resiliency through disaster preparation, response, recovery, and mitigation.

## **Eligibility**

The following Non-Federal entities who have DUNS numbers and are registered in System for Award Management (SAM) are eligible to apply: Indian Tribes, Institutions of higher education, Local governments, Nonprofit organizations, States.

## **U.S. Department of Energy**

### ***Smart Grid Investment Grants***

#### **Website**

[https://www.smartgrid.gov/recovery\\_act/overview/smart\\_grid\\_investment\\_grant\\_program.html](https://www.smartgrid.gov/recovery_act/overview/smart_grid_investment_grant_program.html)

#### **Type of Financing**

Grant/Matching Funds

#### **Critical Infrastructure Sector**

Energy

#### **Overview**

To accelerate the modernization of the nation's electric transmission and distribution systems. The program targets electric providers across the nation with plans to upgrade their systems—through a merit-based, competitive solicitation.

#### **Eligibility**

Applications are being sought that apply "smart" technology to: appliances and electrical equipment, electricity distribution and transmission systems, and homes, offices and industrial facilities.

## **U.S. Department of Transportation**

### ***Congestion Mitigation and Air Quality Improvement Program***

#### **Website**

[www.fhwa.dot.gov/federalaid/guide/guide\\_current.cfm#c08](http://www.fhwa.dot.gov/federalaid/guide/guide_current.cfm#c08)

#### **Type of Financing**

Federal Fund Apportionment

#### **Critical Infrastructure Sector**

Transportation Systems

#### **Overview**

Flexible funding source to State and local governments for transportation projects and programs to help meet the requirements of the Clean Air Act. Funding is available to reduce congestion

and improve air quality for areas that do not meet the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter (nonattainment areas) and for former nonattainment areas that are now in compliance (maintenance areas).

**Eligibility**

Funds may be used for a transportation project or program that is likely to contribute to the attainment or maintenance of a national ambient air quality standard, with a high level of effectiveness in reducing air pollution, and that is included in the metropolitan planning organization's (MPO's) current transportation plan and transportation improvement program (TIP) or the current state transportation improvement program (STIP) in areas without an MPO

***FHA Surface Transportation Block Grant Program***

**Website**

<https://www.fhwa.dot.gov/fastact/factsheets/stbgfs.cfm>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

Transportation Systems

**Overview**

Funding for highway and transit infrastructure construction and rehabilitation, highway operational improvements such as hazard elimination, bicycle and pedestrian transportation infrastructure, transportation planning, highway and transit research and development and technology transfer programs, and capital and operating costs for traffic monitoring, management, and control facilities and programs, including advanced truck stop electrification systems.

***Interstate Maintenance (IM) Program***

**Website**

<https://www.fhwa.dot.gov/safetealu/factsheets/im.htm>

**Type of Financing**

Formula Funding

**Critical Infrastructure Sector**

Transportation Systems

**Overview**

Provides formula funding for Interstate resurfacing, restoration, rehabilitation, and reconstruction; the reconstruction or new construction of bridges, interchanges, and crossings; capital costs related to operational, safety, traffic management, or intelligent transportation systems improvements; and preventive maintenance.

**Eligibility**

Projects on routes on the Interstate System, except those added under 23 USC 103(c)(4)(A) that were not previously designated future Interstate under former 23 UCS 139(b), as well as any segments that become part of the Interstate System under Section 1105(e)(5) of ISTEA are eligible for funding.

***The Highway Bridge Program*****Website**

<https://www.fhwa.dot.gov/safetealu/factsheets/bridge.htm>

**Type of Financing**

Formula Funding

**Critical Infrastructure Sector**

Transportation Systems

**Overview**

Provides formula funding to states to improve structurally deficient and functionally obsolete highway bridges on public roads.

**Eligibility**

Eligible activities are expanded to include systematic preventative maintenance on Federal-aid and non-Federal-aid highway systems. States may carry out projects for the installation of scour countermeasures or systematic preventative maintenance without regard to whether the bridge is eligible for rehabilitation or replacement.

***Transportation Investment Generating Economic Recovery (TIGER) Discretionary Grants*****Website**

<https://www.transportation.gov/tiger>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

Transportation Systems

**Overview**

Competitive grant program that supports innovative transportation projects, including multi-modal and multi-jurisdictional projects, which are difficult to fund through traditional federal programs.

**Eligibility**

Applicants must detail the benefits their project would deliver for five long-term outcomes: safety, economic competitiveness, state of good repair, quality of life and environmental sustainability. DOT also evaluates projects on innovation, partnerships, project readiness, benefit cost analysis, and cost share

## ***FHWA Emergency Relief Program***

### **Website**

<http://www.fhwa.dot.gov/programadmin/erelief.cfm>

### **Critical Infrastructure Sector**

Transportation Systems

### **Overview**

A special program from the Highway Trust Fund for the repair or reconstruction of Federal-aid highways and roads on Federal lands which have suffered serious damage as a result of (1) natural disasters or (2) catastrophic failures from an external cause.

### **Eligibility**

It is the responsibility of individual States to request ER funds for assistance in the cost of necessary repair of Federal-aid highways damaged by natural disasters or catastrophic failures.

## ***FTA Public Transportation Emergency Relief Program***

### **Website**

<https://www.transit.dot.gov/funding/grant-programs/emergency-relief-program/emergency-relief-program>

### **Critical Infrastructure Sector**

Transportation Systems

### **Overview**

Helps states and public transportation systems pay for protecting, repairing, and/or replacing equipment and facilities that may suffer or have suffered serious damage as a result of an emergency, including natural disasters such as floods, hurricanes, and tornadoes.

### **Eligibility**

States and transit agencies that are affected by a declared emergency or disaster

## ***Rail Line Relocation & Improvement Capital Grant Program (RLR)***

### **Website**

<https://www.fra.dot.gov/Page/P0090>

### **Type of Financing**

Loan/Loan Guarantee

### **Critical Infrastructure Sector**

Transportation Systems

### **Overview**

Provides loans and loan guarantees to develop or rehabilitate railroad infrastructure. Eligible borrowers include state and local governments, government sponsored corporations, and joint ventures that include a railroad, and limited option freight shippers who intend to construct a railroad.

**Eligibility**

Only States, political subdivisions of States (such as a city or county), and the District of Columbia are eligible for grants under the program. Grants may only be awarded for construction projects that improve the route or structure of a rail line and: 1) are carried out for the purpose of mitigating the adverse effects of rail traffic on safety, motor vehicle traffic flow, community quality of life, or economic development; or 2) involve a lateral or vertical relocation of any portion of the rail line.

**U.S. Environmental Protection Agency*****The Clean Water State Revolving Fund (CWSRF)*****Website**

<https://www.epa.gov/cwsrf>

**Type of Financing**

Credit Financing

**Critical Infrastructure Sector**

Water and Wastewater Systems

**Overview**

Provides loans and loan guarantees to develop or rehabilitate railroad infrastructure. Eligible borrowers include state and local governments, government sponsored corporations, and joint ventures that include a railroad, and limited option freight shippers who intend to construct a railroad.

**Eligibility**

Eligible Projects include: Construction of publicly owned treatment works, Nonpoint source, National estuary program projects, Decentralized wastewater treatment systems, Stormwater, Water conservation, efficiency, and reuse, Watershed pilot projects, Energy efficiency, Water reuse, Security measures at publicly owned treatment works, Technical assistance.

***Water Infrastructure Finance and Innovation Act (WIFIA) Loans*****Website**

<https://www.epa.gov/wifia/learn-about-wifia-program#overview>

**Type of Financing**

Credit Financing

**Critical Infrastructure Sector**

Water and Wastewater Systems

**Overview**

A federal credit program administered by EPA for eligible water and wastewater infrastructure projects.

## ***The Drinking Water State Revolving Fund (DWSRF)***

### **Website**

<https://www.epa.gov/dwsrf>

### **Type of Financing**

Credit Financing

### **Critical Infrastructure Sector**

Water and Wastewater Systems

### **Overview**

A federal credit program administered by EPA for eligible drinking water treatment and distribution projects.

### **Eligibility**

Eligible Projects include: Treatment; Transmission and distribution; Source; Storage; Consolidation; Creation of new systems

## ***EPA Smart Growth Grants***

### **Website**

<https://www.epa.gov/smartgrowth/epa-smart-growth-grants-and-other-funding>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

N/A

### **Overview**

Funding to support activities that improve the quality of development and protect human health and the environment.

## ***Urban Waters Small Grants***

### **Website**

<https://www.epa.gov/urbanwaters/urban-waters-small-grants>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

Water and Wastewater Systems

### **Overview**

Helps protect and restore urban waters, improve water quality, and support community revitalization and other local priorities.

**Eligibility**

In general, projects should meet the following four program objectives: 1) Address local water quality issues related to urban runoff pollution; 2) Provide additional community benefits; 3) Actively engage underserved communities; and 4) Foster partnership

**319 Grant Program for States and Territories****Website**

<https://www.epa.gov/nps/319-grant-program-states-and-territories>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

N/A

**Overview**

States, territories and tribes receive grant money that supports a wide variety of activities including technical assistance, financial assistance, education, training, technology transfer, demonstration projects and monitoring to assess the success of specific nonpoint source implementation projects

**Eligibility**

If a state's funding plan is consistent with grant eligibility requirements and procedures, EPA then awards the funds to the state.

**Wetland Program Development Grants****Website**

<https://www.epa.gov/wetlands/wetland-program-development-grants>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

Water and Wastewater Systems

**Overview**

Provides funding to projects that promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects, extent, prevention, reduction, and elimination of water pollution.

**Eligibility**

States, tribes, local governments, interstate associations, and intertribal consortia are eligible to apply for the Regional WPDG Request for Proposals (RFPs). Nonprofits, interstate associations and intertribal consortia are eligible to apply for the National WPDG RFPs.

## **Brownfields Grant Funding**

### **Website**

<https://www.epa.gov/brownfields/types-brownfields-grant-funding>

### **Type of Financing**

Grants

### **Critical Infrastructure Sector**

N/A

### **Overview**

- **Assessment Grants:** Assessment grants provide funding for a grant recipient to inventory, characterize, assess, and conduct planning and community involvement related to brownfield sites.
- **Revolving Loan Fund Grants:** The purpose of revolving loan fund grants is to enable states, political subdivisions, and Indian tribes to make low interest loans to carryout cleanup activities at brownfields properties.
- **Cleanup Grants:** Cleanup grants provide funding for a grant recipient to carry out cleanup activities at brownfield sites.
- **Area-Wide Planning Grants (AWP):** Grant funding to communities to research, plan and develop implementation strategies for an area affected by one or more brownfields. Developing an area-wide plan will inform the assessment, cleanup and reuse of brownfields properties and promote area-wide revitalization.
- **Environmental Workforce Development and Job Training Grants (EWDJT):** Environmental workforce development and job training grants are designed to provide funding to eligible entities, including nonprofit organizations, to recruit, train, and place predominantly low-income and minority, unemployed and under-employed residents of solid and hazardous waste-impacted communities with the skills needed to secure full-time, sustainable employment in the environmental field and in the assessment and cleanup work taking place in their communities.
- **Multi-Purpose Pilot Grants:** In FY2010, EPA piloted a new grant program that will provide a single grant to an eligible entity for both assessment and cleanup work at a specific brownfield site owned by the applicant.
- **Training, Research, and Technical Assistance Grants:** Training, research, and technical assistance grants provide funding to eligible organizations to provide training, research, and technical assistance to facilitate brownfields revitalization.

## U.S. Department of Homeland Security

### ***Building Resilient Infrastructure and Communities (BRIC) Grants***

#### **Website**

<https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities>

#### **Type of Financing**

Grant

#### **Critical Infrastructure Sector**

N/A

#### **Overview**

The Federal Emergency Management Agency (FEMA) makes federal funds available through the new Building Resilient Infrastructures and Communities (BRIC) grant program to states, local communities, tribes and territories (SLTTs) for pre-disaster mitigation activities. BRIC is a new FEMA pre-disaster hazard mitigation program that replaces the existing Pre-Disaster Mitigation (PDM) program. The Disaster Recovery Reform Act, Section 1234; amended Section 203 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) and authorizes BRIC. The BRIC priorities are to:

- incentivize public infrastructure projects;
- incentivize projects that mitigate risk to one or more lifelines;
- incentivize projects that incorporate nature-based solutions;
- and, incentivize adoption and enforcement of modern building codes

#### **Eligibility**

State, local, tribal, and territorial government.

### ***FEMA Homeland Security Grant Program (HSGP)***

#### **Website**

<https://www.fema.gov/homeland-security-grant-program>

#### **Type of Financing**

Grant

#### **Overview**

Provide a primary funding mechanism for building and sustaining national preparedness capabilities. HSGP is comprised of three interconnected grant programs: 1) State Homeland Security Program (SHSP) 2) Urban Area Security Initiative (UASI) 3) Operation Stonegarden (OPSG). Together, these grant programs fund a range of preparedness activities, including planning, organization, equipment purchase, training, exercises, and management and administration.

## ***FEMA Public Assistance Grant Program: Local, State, Tribal and Private Non-Profit***

### **Website**

<https://www.fema.gov/public-assistance-local-state-tribal-and-non-profit>

### **Type of Financing**

Grant

### **Overview**

Provides federal assistance in the form of grants to state, tribal, and local governments and certain private nonprofit organizations following a Presidential disaster declaration so that communities can quickly respond to and recover from major disasters or emergencies. Through the program, FEMA provides supplemental federal disaster grant assistance for debris removal, life-saving emergency protective measures, and the repair, replacement, or restoration of disaster-damaged publicly owned facilities, and the facilities of certain private non-profit organizations.

### **Eligibility**

The federal share of assistance is not less than 75 percent of the eligible cost. The Recipient (usually the state) determines how the non-federal share (up to 25 percent) is split with the subrecipients (eligible applicants).

## ***FEMA Tribal Homeland Security Grant***

### **Website**

<https://www.fema.gov/tribal-homeland-security-grant-program>

### **Type of Financing**

Grant

### **Overview**

This program provides funding to eligible Federally- recognized tribes to strengthen their capacity to prevent, protect against, mitigate, respond to, and recover from potential terrorist attacks and other hazards. Grants are awarded based on eligibility and effectiveness, the latter of which is determined by a peer review process.

### **Eligibility**

“Directly eligible tribes” as defined in 6 U.S.C. § 601(4)

## ***FEMA Hazard Mitigation Grant Program***

### **Website**

<https://www.fema.gov/hazard-mitigation-grant-program>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

Emergency Services

**Overview**

The purpose of the HMGP program is to help communities implement hazard mitigation measures following a Presidential major disaster declaration. HMGP funds can be used for a variety of infrastructure projects as well planning activities.

**Eligibility**

Consistent with requirements in 44 CFR Parts 201 and 206, a mitigation planning subaward must result in a mitigation plan adopted by the jurisdiction(s) and approved by FEMA, or it must result in a mitigation planning-related activity (eligible under HMGP only) approved by FEMA.

***FEMA Flood Mitigation Assistance Grant Program*****Website**

<https://www.fema.gov/flood-mitigation-assistance-grant-program>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

Emergency Services

**Overview**

FMA provides funding to States, Territories, federally-recognized tribes and local communities for projects and planning that reduces or eliminates long-term risk of flood damage to structures insured under the NFIP.

**Eligibility**

States, Territories, Federally-recognized tribes, Local governments

***FEMA Preparedness (Non-Disaster) Grants*****Website**

<https://www.fema.gov/non-disaster-grants-management-system>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

Emergency Services

**Overview**

Provides state and local governments with preparedness program funding to enhance the capacity of responders to prevent, respond to, and recover from a weapons of mass destruction terrorism incident involving chemical, biological, radiological, nuclear, and explosive devices and cyber-attacks.

## ***FEMA Transit Security Grant Program***

### **Website**

<https://www.fema.gov/transit-security-grant-program>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

Transportation Systems

### **Overview**

Provides funds to owners and operators of transit systems to protect and increase the resilience of critical surface transportation infrastructure and the traveling public from acts of terrorism.

### **Eligibility**

Eligible transit agencies are determined based on daily unlinked passenger trips (ridership) and transit systems that serve historically eligible Urban Area Security Initiative (UASI) jurisdictions.

## ***FEMA Emergency Management Performance Grant (EMPG) Program***

### **Website**

<https://www.fema.gov/emergency-management-performance-grant-program>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

Emergency Services

### **Overview**

Provides grant funding to states to assist state, local, territorial, and tribal governments in preparing for all hazards, as authorized by the Stafford Act.

### **Eligibility**

All 56 States and territories, as well as the Republic of the Marshall Islands and the Federated States of Micronesia, are eligible for FY 2016 EMPG Program funds.

## ***FEMA Assistance to Firefighters Grant***

### **Website**

<https://www.fema.gov/welcome-assistance-firefighters-grant-program>

### **Type of Financing**

Grant

### **Critical Infrastructure Sector**

Emergency Services

**Overview**

To enhance the safety of the public and firefighters with respect to fire-related hazards by providing direct financial assistance for critically needed resources to equip and train emergency personnel to recognized standards, enhance operations efficiencies, foster interoperability, and support community resilience

***FEMA Community Disaster Loan Program*****Website**

<https://www.fema.gov/community-disaster-loan-program>

**Type of Financing**

Direct Loans

**Critical Infrastructure Sector**

Emergency Services

**Overview**

To provide funds to any eligible jurisdiction in a designated disaster area that has suffered a substantial loss of tax and other revenue.

**Eligibility**

local governments who have suffered a substantial loss (greater than 5%) of tax and other revenues as a result of a major disaster, and which can demonstrate a need for federal financial assistance in order to perform its governmental functions.

***FEMA Port Security Grant Program*****Website**

<https://www.fema.gov/port-security-grant-program>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

Transportation Systems

**Overview**

Supports the building, sustainment, and delivery of core capabilities essential to achieving the National Preparedness Goal (the Goal) of a secure and resilient Nation.

***CISA Emergency Communications Grant Guidance*****Website**

<https://www.cisa.gov/publication/emergency-communications-grant-guidance-documents>

**Type of Financing**

Grant Guidance

## **Critical Infrastructure Sector**

Communications, Emergency Services

### **Overview**

CISA provides a series of guidance documents providing recommendations for developing and maintaining interoperable emergency communications systems. This guidance can be used to inform grant applications for any grant program which provides funding for emergency communications systems.

## **U.S. Department of Health and Human Services**

### ***Disaster Assistance for State Units on Aging (SUAs)***

#### **Website**

<https://acl.gov/grants/disaster-assistance-state-units-aging-suas-and-tribal-organizations-national-disasters-1>

#### **Critical Infrastructure Sector**

Healthcare and Public Health

#### **Overview**

Provide disaster relief funds to those SUAs and tribal organizations that are currently receiving a grant under Title VI of the Older Americans Act.

### ***Hospital Preparedness Program***

#### **Website**

<http://www.phe.gov/Preparedness/planning/hpp/Pages/funding.aspx>

#### **Type of Financing**

Grants and Cooperative Agreements

#### **Critical Infrastructure Sector**

Healthcare and Public Health

#### **Overview**

The Hospital Preparedness Program (HPP) provides leadership and funding through grants and cooperative agreements to States, territories, and eligible municipalities. The grants are provided to improve surge capacity and enhance community and hospital preparedness for public health emergencies.

## **U.S. Department of Housing and Urban Development**

### ***Community Development Block Grant Program (CDBG)***

#### **Website**

[https://www.hud.gov/program\\_offices/comm\\_planning/communitydevelopment](https://www.hud.gov/program_offices/comm_planning/communitydevelopment)

#### **Type of Financing**

Grant

#### **Critical Infrastructure Sector**

N/A

#### **Overview**

Provides communities with resources to address a wide range of unique community development needs including neighborhood stabilization and disaster recovery assistance.

#### **Eligibility**

Over a 1, 2, or 3-year period, as selected by the grantee, not less than 70 percent of CDBG funds must be used for activities that benefit low- and moderate-income persons. In addition, each activity must meet one of the following national objectives for the program: benefit low- and moderate-income persons, prevention or elimination of slums or blight, or address community development needs having a particular urgency because existing conditions pose a serious and immediate threat to the health or welfare of the community for which other funding is not available.

### ***Rural Housing & Economic Development (RHED)***

#### **Website**

<https://www.hudexchange.info/programs/rhed/>

#### **Type of Financing**

Grant

#### **Critical Infrastructure Sector**

N/A

#### **Overview**

This grant program funds activities to build capacity at the state and local level and economic development in rural areas.

#### **Eligibility**

Rural nonprofits, community development corporations (CDCs), state housing finance agencies (HFAs), state community and/or economic development agencies, and federally recognized Indian tribes.

## National Science Foundation

### *Decision, Risk, and Management Sciences Program (DRMS)*

#### **Website**

[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5423&org=SES](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5423&org=SES)

#### **Overview**

Provides funding to support scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups, organizations, and society.

### *Engineering for Natural Hazards (ENH) Program*

#### **Website**

[https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=505177](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505177)

#### **Overview**

The Engineering for Natural Hazards (ENH) program supports fundamental research that advances knowledge for understanding and mitigating the impact of natural hazards on constructed civil infrastructure.

## U.S. Small Business Administration

### *Disaster Loans*

#### **Website**

<https://www.sba.gov/page/disaster-loan-applications>

#### **Type of Financing**

Direct Loans

#### **Critical Infrastructure Sector**

Emergency Services

#### **Overview**

Loans for home and personal, physical small businesses, and economic injury in Presidential declared disaster areas.

#### **Eligibility**

Located in a declared disaster area.

## **U.S. Department of the Interior**

### ***The Hurricane Sandy Coastal Resiliency Competitive Grant Program***

#### **Website**

<http://www.nfwf.org/hurricanesandy/Pages/home.aspx>

#### **Type of Financing**

Competitive Grant

#### **Critical Infrastructure Sector**

#### **Overview**

Administered by the NFWF, the program supports projects that reduce communities' vulnerability to the growing risks from coastal storms, sea level rise, flooding, erosion and associated threats through strengthening natural ecosystems that also benefit fish and wildlife.

### ***Bureau of Reclamation's WaterSMART Drought Response Program***

#### **Website**

<http://www.usbr.gov/drought/>

#### **Type of Financing**

Competitive Funding

#### **Critical Infrastructure Sector**

N/A

#### **Overview**

Funding to develop a new drought contingency plan or to update an existing plan. Funding for drought resiliency projects that will build long-term resiliency into drought planning and mitigate impacts caused by drought.

#### **Eligibility**

Reclamation will fund drought resiliency projects that will help communities prepare for and respond to drought.

### ***U.S. Fish and Wildlife Service Coastal Impact Assistance Program***

#### **Website**

<https://wsfrprograms.fws.gov/subpages/grantprograms/ciap/ciap.htm>

#### **Type of Financing**

Grant

#### **Critical Infrastructure Sector**

N/A

**Overview**

Grant funding to conserve, restore or protect coastal areas including wetlands; mitigation of damage to fish, wildlife, or natural resources; planning assistance and the administrative costs of complying with these objectives; implementation of a federally-approved marine, coastal, or comprehensive conservation management plan; and mitigation of the impact of outer Continental Shelf activities through funding of onshore infrastructure projects and public service needs.

**Eligibility**

States eligible for CIAP funding are: Alabama, Alaska, California, Louisiana, Mississippi, and Texas. Also eligible to apply for and receive CIAP funds are 67 coastal political subdivisions in the six states.

***U.S. Fish and Wildlife Service Coastal Wetlands Conservation Grant Program*****Website**

<https://www.fws.gov/coastal/coastalgrants/>

**Type of Financing**

Matching Grant

**Critical Infrastructure Sector**

N/A

**Overview**

Provides matching grants to states for acquisition, restoration, management or enhancement of coastal wetlands.

**Eligibility**

States receiving funds are California, Georgia, Massachusetts, New Hampshire, New Jersey, Maine, North Carolina, Texas, Washington and Wisconsin.

**U.S. Geological Survey*****Earthquake Hazards Program*****Website**

<http://earthquake.usgs.gov/research/external/>

**Type of Financing**

Competitive Grant

**Critical Infrastructure Sector**

N/A

**Overview**

Provides grants and cooperative agreements to support research in earthquake hazards, the physics of earthquakes, earthquake occurrence, and earthquake safety policy.

## **U.S. Department of Agriculture**

### ***NRCS Agricultural Management Assistance Program***

#### **Website**

<https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/ama/>

#### **Type of Financing**

Technical and Financial Assistance

#### **Critical Infrastructure Sector**

Food and Agriculture

#### **Overview**

Producers receive conservation technical and financial assistance to construct or improve water management or irrigation structures, plant trees for windbreaks or, in order to improve water quality and mitigate risk, diversify their operation and conservation practices including soil erosion control, integrated pest management or transition to organic farming.

#### **Eligibility**

AMA is available in 16 states where participation in the Federal Crop Insurance Program is historically low: Connecticut, Delaware, Hawaii, Maine, Maryland, Massachusetts, Nevada, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Utah, Vermont, West Virginia, and Wyoming.

### ***Strategic Economic and Community Development***

#### **Website**

<https://www.rd.usda.gov/programs-services/strategic-economic-and-community-development>

#### **Critical Infrastructure Sector**

N/A

#### **Overview**

Provides priority to projects that support strategic economic and community development plans through the alignment of resources with long-range and multi-jurisdictional challenges and needs by leveraging federal, state, local, or private funding.

#### **Eligibility**

To be eligible for SECD, a project must: Be eligible for the underlying program, be carried out solely in a rural area, and support a multi-jurisdictional strategic economic community development plan.

### ***Rural Energy for America Program Renewable Energy Systems & Energy Efficiency Improvement Loans & Grants***

#### **Website**

<https://www.rd.usda.gov/programs-services/rural-energy-america-program-renewable-energy-systems-energy-efficiency>

**Type of Financing**

Guaranteed Loans/Grant Funding

**Critical Infrastructure Sector**

Food and Agriculture

**Overview**

Provides guaranteed loan financing and grant funding to agricultural producers and rural small businesses for renewable energy systems or to make energy efficiency improvements

**Eligibility**

Agricultural producers with at least 50% of gross income coming from agricultural operations, and small businesses in eligible rural areas.

***Emergency Community Water Assistance Grants (ECWAG)*****Website**

[https://www.rd.usda.gov/files/rdECWAG\\_Feb2014.pdf](https://www.rd.usda.gov/files/rdECWAG_Feb2014.pdf)

**Type of Financing**

Grant

**Critical Infrastructure Sector**

Water and Wastewater Systems

**Overview**

Helps eligible rural communities recover from or prepare for emergencies that result in a decline in capacity to provide safe, reliable drinking water for households and businesses.

**Eligibility**

Eligible applicants include most State and local governmental entities, nonprofit organizations and federally recognized Tribes. Privately owned wells are not eligible. Projects must be located in rural areas and towns up with 10,000 or fewer people and with a median household income less than \$62,883.

***Emergency Watershed Protection Program*****Website**

[https://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/stelprdb1045263.pdf](https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045263.pdf)

**Type of Financing**

Financial and Technical Assistance

**Critical Infrastructure Sector**

Water and Wastewater Systems/Emergency Management

**Overview**

Can help communities address watershed impairments that pose imminent threats to lives and property.

**Eligibility**

Public and private landowners are eligible for assistance but must be represented by a project sponsor. Sponsors include legal subdivisions of the State, such as a city, county, general improvement district, conservation district, or any Native American tribe or tribal organization as defined in section 4 of the Self-Determination and Education Assistance Act.

***The Emergency Watershed Protection - Floodplain Easement Program (EWP-FPE)*****Website**

[https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/landscape/ewpp/?cid=nrcs143\\_008216](https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/landscape/ewpp/?cid=nrcs143_008216)

**Critical Infrastructure Sector**

Water and Wastewater Systems

**Overview**

Provides an alternative measure to traditional EWP recovery, where it is determined that acquiring an easement in lieu of recovery measures is the more economical and prudent approach to reducing a threat to life or property.

***Community Facilities Direct Loan & Grant Program*****Website**

<https://www.rd.usda.gov/programs-services/community-facilities-direct-loan-grant-program>

**Type of Financing**

Loan and Grant Funding

**Critical Infrastructure Sector**

N/A

**Overview**

Provides affordable funding to develop essential community facilities in rural areas.

**Eligibility**

Rural areas including cities, villages, townships and towns including Federally Recognized Tribal Lands with no more than 20,000 residents according to the latest U.S. Census Data are eligible for this program.

## II. State Programs

### Alabama

#### PROGRAMS/FUNDING OPPORTUNITIES

- **Alabama Transportation Rehabilitation and Improvement Program-II (ATRIP-II):** The purpose of this program is to rehabilitate and improve transportation infrastructure by funding projects of local interest, proposed by one or more local governments, related to the state-maintained highway system. Projects may include local roads and bridges essential to such projects. The program's goal is to address critical needs projects across the state to rehabilitate and improve the in-place facilities and in some cases provide new facilities at locations throughout the state. The program's focus is an emphasis on the public safety, economic growth, and stability of the state and its roads and bridges. <https://www.dot.state.al.us/atrip2/>

### Arizona

#### GENERAL SOURCES OF INFORMATION

- **Arizona Finance Authority (AFA):** The AFA's water and public infrastructure financing authorities provide communities the opportunity to make smart investments through low-cost financing and incentives. <http://www.azcommerce.com/financing/water-and-public-infrastructure-financing>

### Connecticut

#### PROGRAMS/FUNDING OPPORTUNITIES

- **Connecticut Institute for Resilience & Climate Adaptation (CIRCA)**
  - Municipal Resilience Grant Program: <http://circa.uconn.edu/funds-muni/>
  - Matching Funds Program: <http://circa.uconn.edu/funds/>

### Florida

#### PROGRAMS/FUNDING OPPORTUNITIES

- **The Aviation Grant Program** provides financial assistance to Florida's airports in the areas of safety, security, preservation, capacity improvement, land acquisition, planning, and economic development. Program funds assist local governments and airport authorities in planning, designing, constructing, and maintaining public-use aviation facilities. <http://www.fdot.gov/aviation/fundinginfo.shtm>
- **FDEP's Division of Water Restoration Assistance** provides funding assistance for many types of water, wastewater, surface water, storm water, NPDES, non-point source, beaches, and non-mandatory land reclamation projects. Provides a list of links with additional information on the programs available within the Division. <http://www.dep.state.fl.us/water/waterprojectfunding/index.htm>

## Georgia

### PROGRAMS/FUNDING OPPORTUNITIES

- **The Georgia Environmental Finance Authority:** The Water Resources Division supports the development of water, sewer and solid waste infrastructure projects, which help protect the environment, facilitate economic development, accommodate population growth and safeguard public health. <http://gefa.georgia.gov/water-resources>
- **The Georgia Transportation Infrastructure Bank:** provides financial assistance for transportation projects that improve mobility, sustain development and enhance communities throughout the state and is managed by the State Road and Tollway Authority (SRTA). <http://www.georgiatolls.com/gtib/>

## Illinois

### PROGRAMS/FUNDING OPPORTUNITIES

- **Illinois Environmental Protection Agency (IEPA) Wastewater/Storm Water and Drinking Water Loans:** IEPA programs provide financial assistance to eligible public or private applicants for the design and construction of a wide variety of projects that protect or improve the quality of Illinois' water resources or address human health and failing water infrastructure. <https://www2.illinois.gov/epa/topics/grants-loans/state-revolving-fund/Pages/default.aspx>

## Kansas

### PROGRAMS/FUNDING OPPORTUNITIES

- **The Emergency Management Performance Grant (EMPG):** The EMPG is offered to give assistance to counties in developing disaster and assistance programs, priorities, and organizations. The purpose of the program is to ensure that a comprehensive emergency management system exists for disasters or emergencies resulting from natural disasters, technological, or man-caused events. <http://www.kansastag.gov/KDEM.asp?PageID=411>

## Maine

### GENERAL SOURCES OF INFORMATION

- **List of grants from the Department of Agriculture, Conservation and Forestry:** <http://www.maine.gov/DACF/about/grants/index.shtml>
- **Main Grants Watch:** The website provides information on available grants, as well as guidelines for application as well as eligibility. <https://maine.grantwatch.com/>
- **The Grantsmanship Center – Maine:** This page provides a list of the top grant providers for the State of Maine <https://www.tgci.com/funding-sources/ME/top>
- **Maine Department of Transportation:** <http://www.maine.gov/mdot/about/funding/>

## PROGRAMS/FUNDING OPPORTUNITIES

- **Maine Turnpike Authority:** <http://www.maineturnpike.com/Projects-Planning/Construction-Projects.aspx>
  - Resurfacing, Guardrail and Clear Zone Improvements
  - Bridge Repair and Rehabilitation
  - Interchange Improvements
- **EPF Municipal Grant Program:** <http://www.maine.gov/mpuc/greenpower/>
- **Maine Historic Preservation Commission (MHPC):** <https://www.maine.gov/mhpc/programs/grants>
  - Historic Preservation Grant Funding

## Maryland

- **Maryland Department of Natural Resources:** <http://dnr.maryland.gov/ccs/Pages/funding/fundingopp.aspx>

## Massachusetts

- **Executive Office of Energy and Environmental Affairs** <http://www.mass.gov/eea/agencies/czm/program-areas/stormsmart-coasts/grants/>
  - Coastal Resilience Grant Program -

## Michigan

### PROGRAMS/FUNDING OPPORTUNITIES

- **The Department of Agriculture and Rural Development** provides grant opportunities to promote the sustainability of land-based industries and support infrastructure that benefits rural communities. [http://www.michigan.gov/mdard/0,4610,7-125-1570\\_51684\\_78392---,00.html](http://www.michigan.gov/mdard/0,4610,7-125-1570_51684_78392---,00.html)
  - Michigan Rural Development Fund Grants

## New Hampshire

### GENERAL SOURCES OF INFORMATION

- **A chart to New Hampshire State and Federal Funding:** <https://www.nh.gov/transparentnh/where-the-money-comes-from/>
- **Grant Watch – New Hampshire:** The website provides information on current grants, instructions for application, as well as eligibility. <https://newhampshire.grantwatch.com/>

### PROGRAMS/FUNDING OPPORTUNITIES

- **New Hampshire Department of Safety:** <https://www.nh.gov/safety/divisions/dmv/registration/municipal-agents/index.htm>
  - Municipal Agent Program

## New Jersey

### GENERAL SOURCES OF INFORMATION

- **New Jersey Governor's Office of Recovery and Rebuilding:**  
<http://nj.gov/gorr/>
  - Flood Hazard Mitigation Initiatives
  - Energy Resilience

## New York

### GENERAL SOURCES OF INFORMATION

- **Resources for Building Waterfront Resilience:**  
<https://wri.cals.cornell.edu/hudson-river-estuary/climate-change-hudson-river-estuary/resources-resilience/>
- **A Guide to Federal and New York State Funding:**  
<http://www.gillibrand.senate.gov/imo/media/doc/Gillibrand%20Federal%20and%20State%20General%20Grants%20Guide%202015.pdf>
- **New York State Citizens Guide:** The website provides information on available grants, as well as guidelines for application as well as eligibility.  
<https://www.budget.ny.gov/citizen/index.html>
- **New York State Assembly – Grants Action News:** An up-to-date newsletter for grant seekers to become informed about newly established grants. The newsletter outlines eligibility guidelines, deadlines, and contains contact information for further questions.  
<https://nyassembly.gov/gan/>
- **NYS Consolidated Funding Application:** New York State's Consolidated Funding Application (CFA) allows communities to design comprehensive projects and with one application, apply to multiple state funding sources.  
<https://apps.cio.ny.gov/apps/cfa/>

### PROGRAMS/FUNDING OPPORTUNITIES

- **NYS Department of Environmental Conservation (DEC):**  
<http://www.dec.ny.gov/pubs/grants.html>
  - Hudson River Estuary Grants
  - Climate Smart Communities Grants
  - Water Quality Improvements Program
- **Environmental Facilities Corporation (EFC):**  
<https://www.efc.ny.gov/environmental-facilities-corporation>
  - Wastewater Infrastructure Engineering Planning
  - Clean Water Revolving Loan Fund
  - Green Innovation Grant Program

- **New York Department of State (DOS):**  
<https://www.dos.ny.gov/opd/programs/WFRevitalization/LWRP.html>
  - Local Waterfront Revitalization Program
  - Brownfield Opportunity Area
- **New York State Energy Research and Development Authority (NYSERDA):**  
<https://www.nyserda.ny.gov/Funding-Opportunities/Current-Funding-Opportunities>
  - Clean Energy Communities Program
- **NYS Office of Parks, Recreation and Historic Preservation (OPRHP):**  
<https://parks.ny.gov/grants/>
  - EPF Municipal Grant Program
- **NYS Hudson River Valley Greenway:**  
<https://hudsongreenway.ny.gov/grants-funding>
  - Communities and Compact Grant Programs
- **Division of Homes and Community Renewal:** <https://hcr.ny.gov/>
- **Governor’s Office of Storm Recovery:** <https://stormrecovery.ny.gov/>
  - Funding Portal: <https://stormrecovery.ny.gov/funding/funding-portal>
- **NY Department of Transportation:** <https://www.dot.ny.gov/funding>

## North Carolina

### PROGRAMS/FUNDING OPPORTUNITIES

- **Charlotte-Mecklenburg, NC Stormwater Services Division:**  
<http://charmeck.org/stormwater/Pages/default.aspx>
  - Local authority in charge of analyzing hazard risk and prioritizing properties for appropriate mitigation projects, ranging from buyouts to environmental restoration.
  - Program funded primarily through stormwater utility fees.

## Ohio

### PROGRAMS/FUNDING OPPORTUNITIES

- **Economic Development Loan and Public Infrastructure Grant Program:** creates and retains permanent, private-sector jobs, principally for low and moderate income persons, through the expansion and retention of business and industry in Ohio communities. Funds are granted to local government applicants for both economic development loan and public infrastructure projects. Public off-site infrastructure funds are retained as a grant by the local government. In the case of a loan, the local government grantee loans the funds to the beneficiary business for fixed asset financing projects and the funds are repaid to the local government Revolving Loan Fund.  
[https://development.ohio.gov/cs/cs\\_edl.htm](https://development.ohio.gov/cs/cs_edl.htm)

- **Residential Public Infrastructure Program:** The Residential Public Infrastructure Grant Program creates safe and sanitary living environment for Ohio citizens, through the provision of safe and reliable drinking water and proper disposal of sanitary waste. [https://development.ohio.gov/cs/cs\\_rpi.htm](https://development.ohio.gov/cs/cs_rpi.htm)
- **Ohio Department of Public Safety:** Offers grants to law enforcement, fire, EMS and various other safety partners to help achieve its mission to save lives and reduce injuries and economic loss in the state of Ohio. <http://www.publicsafety.ohio.gov/grants.stm>
- **Ohio Development Services Agency:** The Community Development Program provides communities with flexible funding for housing and community development projects to address the needs of low- and moderate-income individuals and to eliminate slum and blight. The program also includes competitive grants for Neighborhood Revitalization, Downtown Revitalization, and Critical Infrastructure projects. <https://greencountydod.org/wp-content/uploads/2017/01/CDAllocationAndCompetitive.pdf>
- **Ohio Department of Transportation:** The Department maintains a direct loan and bond financing program through the State Infrastructure Bank. The money is used as a method of funding highway, rail, transit, intermodal, and other transportation facilities and projects. <http://www.dot.state.oh.us/Divisions/Finance/Pages/StateInfrastructureBank.aspx>

## Oklahoma

### GENERAL SOURCES OF INFORMATION

- **Historic Funding Perspective of all OKOHS Grant Programs:** Summary of grant funding Oklahoma receives and how the state allocates those grants. [https://www.ok.gov/homeland/Grant\\_Information/index.html](https://www.ok.gov/homeland/Grant_Information/index.html)

## Oregon

### GENERAL SOURCES OF INFORMATION

- **Contact information for resources available to public water systems, including grants and loans to fund drinking water infrastructure and source protection projects.** <http://www.oregon.gov/deq/wq/programs/Pages/DWP-Funding.aspx>
- **Oregon Resilience Task Force:** <http://www.oregon.gov/OMD/OEM/Pages/Resilience-Taskforce.aspx>
- **Oregon Business:** Manages grant and loan programs designed to help communities improve the quality of life of their citizens. <http://www.orinfrastructure.org/>

## Rhode Island

### GENERAL SOURCES OF INFORMATION

- **Rhode Island Infrastructure Bank Financial Report:** <https://www.riib.org/financial>
- **Office of Internal Audit for Rhode Island:** Information and reports on state funding and state grants. <http://audits.ri.gov/reports/>
- **Rhode Island Grant Watch:** This website provides information, including descriptions, eligibility, and funding opportunities for Rhode Island grants. <https://rhodeisland.grantwatch.com/>

### PROGRAMS/FUNDING OPPORTUNITIES

- **Local Open Space Grant:** <http://www.dem.ri.gov/programs/planning/grants/>
  - Facilitate land conservation
  - Land acquisition and development
  - Recreational Trail Grant Program
- **Municipal Road and Bridge Revolving Fund:** Construction and restoration funding for local roads and bridges <https://www.riib.org/mrbrf>
- **Rhode Island Office of Energy Resources:** <http://www.energy.ri.gov/renewable/ref/>
  - Renewable Energy Fund
- **Rhode Island Efficient Building Fund:** <http://www.energy.ri.gov/RIEBF/>
- **Rhode Island Department of Transportation:** <http://www.dot.ri.gov/business/govandutilities.php>

## Texas

### PROGRAMS/FUNDING OPPORTUNITIES

- **County Transportation Infrastructure Fund Grant Program:** <http://www.txdot.gov/government/funding/county-fund.html>
- **The Texas General Land Office (TXGLO):** <https://www.glo.texas.gov/>
  - The Infrastructure program - assists communities to recover from disasters by funding public facility projects such as roads and bridges, flood and drainage improvements, community centers/shelters, fire stations, and emergency back-up generators
  - The Disaster Recovery Program - provides funding for creative and substantive long-term planning studies and projects. This includes conducting resiliency studies to mitigate the effects of future disasters.
- **The Gulf of Mexico Alliance:** <http://www.gulfofmexicoalliance.org/our-priorities/priority-issue-teams/community-resilience-team/>

- Regional Coastal Resilience Grants Program - This project provides small grants to 10 communities to implement programs that will enhance their coastal resilience. Selected communities are eligible to receive up to \$45,000 in funding assistance as well as technical assistance from state and federal agencies and local knowledge experts.

## Vermont

### GENERAL SOURCES OF INFORMATION

- **Department of Environmental Conservation Grant and Loan Programs:** <http://dec.vermont.gov/grant-loan-programs>
- **Vermont Grants Management Guide (GMP):** The website provides information on available grants, as well as guidelines for application as well as eligibility. <http://accd.vermont.gov/community-development/funding-incentives/vcdp/grants-management-guide>
- **Agency of Commerce and Community Development:** <http://accd.vermont.gov/community-development>
- **VT Department of Transportation:** <http://legislature.vermont.gov/assets/Legislative-Reports/Sec-10-Funding-Study-Report-final.pdf>

### PROGRAMS/FUNDING OPPORTUNITIES

- **Brownfields Reuse and Environmental Liability Program (BRELLA):** <https://dec.vermont.gov/waste-management/contaminated-sites/brownfields/BRELLA>
  - Public investment to promote successful redevelopment projects
  - Reduce threats caused by brownfields
- **Vermont – Flood Ready:** <http://floodready.vermont.gov/node/777>
  - Developing local infrastructure
  - Protecting the functions of local watersheds
  - Adapting critical infrastructure
- **On-site Loan Program:** Loans for the repair and replacement of failed on-site wastewater and water supply systems  
<https://dec.vermont.gov/water-investment/water-financing/on-site-loan>
- **Unsafe Dam State Revolving Fund:** <https://dec.vermont.gov/water-investment/dam-safety/unsafe-dam-srf>
- **Water Planning Loan:** Provides loans for the testing and creation of public water systems engineering  
<https://dec.vermont.gov/water-investment/water-financing/dwsrf-water-planning-loan>

- **Vermont Emergency Relief and Assistance Fund:** Provides a 7.5 percent state match to FEMA Federal Public Assistance after declared disasters. Communities that take specific resilience steps are eligible to receive up to a 17.5 percent match  
[http://floodready.vermont.gov/find\\_funding/emergency\\_relief\\_assistance](http://floodready.vermont.gov/find_funding/emergency_relief_assistance)

## Virginia

### GENERAL SOURCES OF INFORMATION

- **Common Wealth of Virginia Office of Transportation, Office of Transportation Public-Private Partnerships:** <http://www.p3virginia.org/>
- National Capital Region (NCR) Urban Area Security Initiative (UASI) funds

## Washington

### PROGRAMS/FUNDING OPPORTUNITIES

- **State of Washington Transportation Improvement Board (TIB):**  
<http://www.tib.wa.gov/grants/Grants.cfm>
  - Urban Arterial Program (UAP)

## III. Non-Governmental Programs

### The Kresge Foundation

*Place-based, local systems, neighborhood, and environments funding*

**Website**

<http://kresge.org/opportunities>

**Type of Financing**

Grant

**Critical Infrastructure Sector**

N/A

**Overview**

Funding and grants offered for communities seeking resilience from natural disasters.

### The Rockefeller Foundation

*CityNext*

**Website**

<https://www.rockefellerfoundation.org/our-work/grants/>

**Type of Financing**

Grants

**Critical Infrastructure Sector**

N/A

**Overview**

Helping cities, organizations, and communities better prepare for, respond to, and transform from disruption, through technical assistance, grant and funding.

### OpenSpace Institute

*Environmental Focused Grants*

**Website**

[http://www.osiny.org/site/PageServer?pagename=Program\\_CFP\\_GeographicRegions](http://www.osiny.org/site/PageServer?pagename=Program_CFP_GeographicRegions)

**Type of Financing**

Grant

**Critical Infrastructure Sector**

N/A

**Overview**

Grants and loans w/ focus on the east coast for communities looking to improve resiliency to environmentally delicate areas.

**The Threshold Foundation*****Thriving Resilient Communities Funds*****Website**

<https://www.thresholdfoundation.org/thriving-resilient-communities>

**Type of Financing**

Grant

**Overview**

Funds collaborative tools and approaches that build leadership and capacity for communities to address their own strategic needs in the face of energy, climate, economic, and social challenges.

**The Wildlife Conservation Society*****Climate Adaptation Fund*****Website**

<http://wscclimateadaptationfund.org/program-information>

**Type of Financing**

Award Funding

**Critical Infrastructure Sector**

N/A

**Overview**

Awards will be made to non-profit conservation organizations for applied, on-the-ground projects focused on implementing priority conservation actions for climate adaptation at a landscape scale.

**Eligibility**

This program provides grants to U.S.-based non-profit conservation organizations with approved IRS 501(c)(3) status. Grants can be awarded for projects only within the 50 U.S. states and six U.S. territories. The WCS Climate Adaptation Fund is unable to make grants to for-profit corporations, individuals, universities, public agencies, municipalities or other types of government entities.

## Appendix: Additional Information Sources – Funding Resources

Resource	Information Available	Link
<b>Grants.gov</b>	A searchable database of USG grants available including sponsoring agency, posted and closing dates. Grantor agencies include the CDC, NSF, NIH, etc. Funding Opportunity Number is an active hyperlink category that allows the user to view the grant opportunity summary sheet.	<a href="http://www.grants.gov/web/grants/search-grants.html">http://www.grants.gov/web/grants/search-grants.html</a>
<b>FedCenter.gov</b>	Contains information on various Federal, State and non-profit organization grant opportunities.	<a href="https://www.fedcenter.gov/opportunities/grants/">https://www.fedcenter.gov/opportunities/grants/</a>
<b>Catalog of Federal Domestic Assistance</b>	Contains detailed program descriptions for 2,299 Federal assistance programs.	<a href="https://www.cfda.gov/index?s=main&amp;mode=list&amp;tab=list&amp;tabmode=list">https://www.cfda.gov/index?s=main&amp;mode=list&amp;tab=list&amp;tabmode=list</a>
<b>DisasterAssistance.gov</b>	Provides access to disaster help and resources for the U.S. and territories and lists currently declared disaster states (and affected counties) that may allow for individual assistance.	<a href="http://www.disasterassistance.gov">www.disasterassistance.gov</a>
<b>U.S. Climate Resilience Toolkit</b>	A listing of a number of federal government and NGO sources for technical assistance funding to promote increased climate resilience with hyperlinks to other organizations. It is a coordinated effort by NOAA, USDA, and the Department of the Interior.	<a href="https://toolkit.climate.gov/content/funding-opportunities">https://toolkit.climate.gov/content/funding-opportunities</a>
<b>Federal Funding Compendium for Urban Heat Adaptation (2013)</b>	Provides a list of federal funding sources for climate-related work.	<a href="https://www.georgetownclimate.org/files/report/Federal%20Funding%20Compendium%20for%20Urban%20Heat%20Adaptation.pdf">https://www.georgetownclimate.org/files/report/Federal%20Funding%20Compendium%20for%20Urban%20Heat%20Adaptation.pdf</a>
<b>EPA Catalogue of Federal Funding Sources for Watershed Protection</b>	A searchable database of financial assistance sources (grants, loans, cost-sharing) available to fund a variety of watershed protection projects.	<a href="https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=20004O44.TXT">https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=20004O44.TXT</a>

<p><b>National Integrated Drought Information System</b></p>	<p>Provides information and services to mitigate drought including links to USG Agencies that provide financial assistance.</p>	<p><a href="https://www.drought.gov/drought/resources/recovery">https://www.drought.gov/drought/resources/recovery</a></p>
<p><b>Tribal Climate Change Guide for Funding, Science, Programs, and Adaptation Plans</b></p>	<p>A sortable spreadsheet that can help tribes find potential funding sources and other resources, maintained by University of Oregon.</p>	<p><a href="http://tribalclimateguide.uoregon.edu/">http://tribalclimateguide.uoregon.edu/</a></p>
<p><b>Great Lakes Coastal Resilience</b></p>	<p>Coordinating organization with information on financing and technical resources on zoning and land use, infrastructure, habitat and environment, and public health and safety. Provides links to a number of resources and other organizations.</p>	<p><a href="http://www.greatlakesresilience.org/">http://www.greatlakesresilience.org/</a></p>
<p><b>Federation of Canada: Green Municipal Fund</b></p>	<p>A unique program that provides funding and knowledge services to support sustainable community development. GMF-supported initiatives aim to improve air, water, and soil, and mitigate the impacts of climate change (for potential for cross-border initiatives).</p>	<p><a href="http://www.fcm.ca/home/programs/green-municipal-fund.htm">http://www.fcm.ca/home/programs/green-municipal-fund.htm</a></p>
<p><b>U.S. Committee on the Marine Transportation Systems (CMTS) Federal Funding Handbook: Marine Transportation System Infrastructure</b></p>	<p>Reference to funding programs with which stakeholders might not be familiar, including coastal wetland &amp; wildlife, disaster recovery, and economic development.</p>	<p><a href="https://www.cmts.gov/downloads/2017_CMTS_Federal_Funding_Handbook_for_MTS_Infrastructure.pdf">https://www.cmts.gov/downloads/2017_CMTS_Federal_Funding_Handbook_for_MTS_Infrastructure.pdf</a></p>
<p><b>Statelocalgov.net</b></p>	<p>List of state and local grant funding opportunities.</p>	<p><a href="http://www.statelocalgov.net/50states-state-grants.cfm">http://www.statelocalgov.net/50states-state-grants.cfm</a></p>